2007 Engineering Conference Breakout Period 2.

3. "Know Where Know Why" Media / PR Strategy
Track: Public Involvement
Presenters: Chris Thomas, Aubrey Cichelli, Nate McDonald (The Intrepid Group)
Synopsis: The strategy, tactics and results of the inaugural "Know Where Know Why" summer construction campaign. In addition, the initial plans for the 2008 campaign will be discussed and include an open forum for input and feedback.
Time Required: 90 Minutes

16. UTA Project Updates
Track: Leadership/Organizational Issues
Presenter(s): Steve Meyers
Synopsis: A presentation to give updates on CommuterRail and light-rail spurs.
Time Required: 90 minutes

33. Two-Lane Rural Highway Safety and Design Integrity using IHSDM
Track: ITS / Traffic Management / Safety
Primary Presenters: Mitsu Saito
Back-up Presenters:
Synopsis: Dr. Saito and his research assistants have been conducting a study related to two-lane rural highway safety and design integrity evaluation using FHWA's IHSDM (Interactive Highway Safety Design Model) software to evaluate how IHSDM can be incorporated in regular safety audit practices. By November, most of the work will have been completed and findings will be presented.
Time Required: 90 minutes

47. AGRC Services
Track: Systems Planning and Programming
Presenters: Derek Peterson, Rick Kelson, Jeannie Watanabe and Rick Kelson
Synopsis: 1) Discussion of the GPS RTK Network, 2) High resolution imagery for Utah, and 3) State Geographic Information Database
Time Required: 90 minutes

48. AGC Roundtable Discussion
Track: Construction/AGC
Presenter: Rich Thorne
Synopsis: An opportunity to discuss the past years successes and problems and determine how to improve things or continue for them to go well.
Time Required: 90 minutes

51. Alternatives in Paving: Rubberized Asphalt Applications in Freeze/Thaw Climates
Track: Materials
Presenters: Saleem Khatak, Bob Syme and Keith Goodson
Synopsis:
Pavement life is a big issue for any organization responsible for the installation and maintenance of roadways. Milled and overlaid asphalt traditionally lasts 15-20 years in milder climates, historically, those same applications have an average lifespan of 8-10 years in climates where there are higher numbers of freeze-thaw events, higher levels of ultraviolet light, and other conditions that exist in less mild and mountainous climates. Asphalt pavement modified with tire rubber has been used experimentally since 1950 with success in mild climates…but somewhat unsuccessful attempts have been made in climates such as in Utah and Colorado. This session will explore an alternative for climates such as Utah. In 2006, the City of Colorado Springs, Colorado, took on the challenge of creating and testing a new rubberized asphalt blend in hopes of easing their roadway maintenance angst. Four test sections of Terminal Blend Tire Rubber Asphalt (TBTRA), or Permeable Friction Course (PFC) Pavement, have been created with almost S miles of roadway. Although testing will continue for another year, and four more miles of test sections are planned for 2007, initial results are creating optimism. This experiment will serve as a Case Study for the Breakout Session.
Time Required: 90 minutes

63. Intersection Design
Track: Design
Presenters: Lisa Baird, Ken Talbot, Jessica Rice, and Brandon Cloward.
Synopsis: A brief introduction to designing an intersection. This session will talk about cross slopes at an intersection, layout of an intersection, tapers and taper rates at intersections, pedestrian ramps, using InRoads to turn your 2D linework into a 3D model, and more.
Time Required: 90 minutes

69. Plan of Action for Scour Critical Bridges in Utah
Track: Structures/Research/Hydraulics/RofW
Presenters: Remmet DeGroot and Denis Stuhff
Synopsis: Plan of action for all scour critical bridges on State Roads. FHWA requires these plans to be in place. A statewide requirement and an informative session on this topic, make it applicable for a wide audience. The presentation includes a description of common scour problems, the procedures and methodologies used in analyzing each fridge, and proposed countermeasures, all illustrated with relevant photo's and maps from representative examples.
Time Required: 90 minutes